

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUN 22 2004 (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. VTOB.033C1	APPLICATION NO. 10/729,121
	APPLICANT Mark Conkling	
	FILING DATE December 5, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
SAW	1.	RE38,123 E	05/27/03	Williams	—	—	
	2.	2001/0006797 A1	07/05/01	Kumagai et al.	—	—	
	3.	2001/0026941 A1	10/04/01	Held et al.	—	—	
	4.	2002/0174874 A1	11/28/02	Williams	—	—	
	5.	2,479,526	08/16/49	Touton	—	—	
	6.	2,758,603	08/14/56	Heljo	—	—	
	7.	4,693,976	09/15/87	Schilperoort	—	—	
	8.	4,762,785	08/09/88	Comai	—	—	
	9.	4,821,747	04/18/89	Stuhl et al.	—	—	
	10.	4,885,248	12/05/89	Ahlquist	—	—	
	11.	4,940,838	07/10/90	Schilperoort et al.	—	—	02/23/84
	12.	4,945,050	07/31/90	Sanford et al.	—	—	
	13.	4,954,442	09/04/90	Gelvin et al.	—	—	
	14.	5,034,322	07/23/91	Rogers et al.	—	—	04/05/89
	15.	5,036,006	07/30/91	Sanford et al.	—	—	
	16.	5,100,792	03/31/92	Sanford et al.	—	—	
	17.	5,107,065	04/21/92	Shewmaker et al.	—	—	08/30/88
	18.	5,149,645	09/22/92	Hoekema et al.	—	—	
	19.	5,190,931	03/02/93	Inouye et al.	—	—	11/15/89
	20.	5,208,149	05/04/93	Inouye et al.	—	—	04/10/92
	21.	5,231,020	07/27/93	Jorgensen et al.	—	—	
	22.	5,254,800	10/19/93	Bird et al.	—	—	10/19/90
	23.	5,260,205	11/09/93	Nakatani et al.	—	—	11/14/90
	24.	5,272,065	12/21/93	Inouye et al.	—	—	06/21/90
	25.	5,283,184	02/01/94	Jorgensen et al.	—	—	
	26.	5,352,605	10/04/94	Fraley et al.	—	—	10/28/93
	27.	5,356,799	10/18/94	Fabijanski et al.	—	—	06/02/92

EXAMINER <i>A. Wolk</i>	DATE CONSIDERED <i>12-20-04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. VTOB.033C1	APPLICATION NO. 10/729,121
	APPLICANT Mark Conkling	
	FILING DATE December 5, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
DAW	28.	5,365,015	11/15/94	Grierson et al.	—	—	07/12/90
	29.	5,369,023	11/29/94	Nakatani et al.	—	—	08/09/93
	30.	5,451,514	09/19/95	Boudet et al.	—	—	12/28/93
	31.	5,453,566	09/26/95	Shewmaker et al.	—	—	08/27/91
	32.	5,459,252	10/17/95	Conkling et al.	—	—	04/28/94
	33.	5,464,763	11/07/95	Schilperoort et al.	—	—	12/23/93
	34.	5,501,967	03/26/96	Offringa et al.	—	—	
	35.	5,530,196	06/25/96	Fraley et al.	—	—	09/02/94
	36.	5,610,288	03/11/97	Rubenstein	—	—	02/22/94
	37.	5,635,381	06/03/97	Hooykaas et al.	—	—	
	38.	5,668,295	09/16/97	Wahab et al.	—	—	03/03/95
	39.	5,684,241	11/04/97	Nakatani et al.	—	—	10/17/94
	40.	5,693,512	12/02/97	Finer et al.	—	—	
	41.	5,713,376	02/03/98	Berger	—	—	05/13/98
	42.	5,723,751	03/03/98	Chua	—	—	
	43.	5,731,179	03/24/98	Komari et al.	—	—	
	44.	5,759,829	06/02/98	Shewmaker et al.	—	—	06/05/95
	45.	5,767,378	06/16/98	Bojsen et al.	—	—	
	46.	5,776,502	07/07/98	Foulkes et al.	—	—	
	47.	5,776,771	07/07/98	Yu et al.	—	—	
	48.	5,803,081	09/08/98	O'Donnell, Jr. et al.	—	—	
	49.	5,810,020	09/22/98	Northway et al.	—	—	
	50.	5,830,728	11/03/98	Christou et al.	—	—	
	51.	5,834,236	11/10/98	Lamb et al.	—	—	
	52.	5,837,876	11/17/98	Conkling et al.	—	—	07/28/95
	53.	5,845,647	12/08/98	O'Donnell, Jr. et al.	—	—	

EXAMINER	<i>for A. H. H. H.</i>	DATE CONSIDERED	12-20-04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mark Conding	
		FILING DATE December 5, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
SAW	54.	5,851,804	12/22/98	Snyder et al.	—	—	
	55.	5,858,742	01/12/99	Fraley et al.	—	—	06/24/96
	56.	5,858,774	01/12/99	Malbon et al.	—	—	10/16/95
	57.	5,877,023	03/02/98	Sautter et al.	—	—	
	58.	5,929,306	07/27/99	Torisky et al.	—	—	
	59.	5,932,782	08/03/99	Bidney	—	—	
	60.	5,962,768	10/05/99	Cornelissen et al.	—	—	
	61.	5,976,880	11/02/99	Sautter et al.	—	—	
	62.	5,981,839	11/09/99	Knauf et al.	—	—	03/07/97
	63.	5,989,915	11/23/95	Christou et al.	—	—	
	64.	5,994,629	11/30/99	Bojsen et al.	—	—	
	65.	6,022,863	02/08/00	Peyman	—	—	
	66.	6,051,409	04/18/00	Hansen et al.	—	—	
	67.	6,051,757	04/18/00	Barton et al.	—	—	06/05/95
	68.	6,135,121	10/24/00	Williams	—	—	
	69.	6,153,811	11/28/00	Lowe et al.	—	—	
	70.	6,165,715	12/26/00	Collins et al.	—	—	
	71.	6,174,724	01/16/01	Rogers et al.	—	—	05/04/95
	72.	6,202,649	03/20/01	Williams	—	—	
	73.	6,255,560	07/03/01	Fraley et al.	—	—	01/11/99
	74.	6,265,638	07/24/01	Bidney et al.	—	—	
	75.	6,271,031	08/07/01	Falco et al.	—	—	08/09/99
	76.	6,281,410	08/28/01	Knauf et al.	—	—	01/15/99
	77.	6,303,847	10/16/01	Kawaoka et al.	—	—	
	78.	6,350,479	02/26/02	Williams et al.	—	—	
	79.	6,425,401	07/30/02	Williams	—	—	

EXAMINER	Die A. Noll	DATE CONSIDERED	12-20-04
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SAW	80.	1 917 52	01.12.69	Germany	—	—		X
	81.	2 203 105	02.11.72	Germany	—	—		X
	82.	0 116 718 A1	29.08.84	EPO	—	—		
	83.	0 120 515 A2	03.10.84	EPO	—	—		
	84.	0 120 515 B1	03.10.84	EPO	—	—		
	85.	0 120 516 A2	03.10.84	EPO	—	—		
	86.	0 131 620 B1	23.01.85	EPO	—	—		
	87.	0 131 623 B1	06.03.91	EPO	—	—		
	88.	0 131 624 B1	23.01.85	EPO	—	—		
	89.	0 131 623 B2	23.01.85	EPO	—	—		
J	90.	0 140 308 A2	08.05.85	EPO	—	—		
	91.	0 140 308 A3	08.05.85	EPO	—	—		
	92.	0 140 308 B1	08.05.85	EPO	—	—		
	93.	0 159 779 B1	30.10.85	EPO	—	—		
	94.	0 176 112 B1	02.04.86	PCT	—	—		
	95.	0 189 707 B1	06.08.86	EPO	—	—		
	96.	0 223 399 A1	27.05.87	EPO	—	—		
	97.	0 223 399 B1	27.05.87	PCT	—	—		
	98.	0 224 287 A1	03.06.87	EPO	—	—		
	99.	0 240 208 A2	07.10.87	EPO	—	—		
	100.	0 240 208 A3	07.10.87	EPO	—	—		
	101.	0 240 208 B1	07.10.87	EPO	—	—		
	102.	0 265 556 A1	04.05.88	EPO	—	—		
	103.	0 270 822 A1	15.06.88	EPO	—	—		
	104.	0 290 799 A2	17.11.88	EPO	—	—		
	105.	0 290 799 A3	17.11.88	EPO	—	—		
	106.	0 320 500 A2	14.06.89	EPO	—	—		

EXAMINER <i>John A. Wolk</i>	DATE CONSIDERED <i>12-20-04</i>
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							YES	NO
SAW	135.	WO 97/44450	27.11.97	PCT	—	—		
	136.	WO 97/49727	31.12.97	PCT	—	—		
	137.	WO 98/05757	12.02.98	PCT	—	—		
	138.	WO 98/30701	16.07.98	PCT	—	—		
	139.	WO 98/32843	30.07.98	PCT	—	—		
	140.	WO 98/56932	17.30.98	PCT	—	—		
	141.	WO 99/10512	04.03.99	PCT	—	—		
	142.	WO 99/14348	25.03.99	PCT	—	—		
	143.	WO 99/25854	27.05.99	PCT	—	—		
	144.	WO 99/32619	01.07.99	PCT	—	—		
	145.	WO 99/32642	01.07.99	PCT	—	—		
	146.	WO 99/49029	30.09.99	PCT	—	—		
	147.	WO 99/53050	21.10.99	PCT	—	—		
	148.	WO 99/61631	02.12.99	PCT	—	—		
	149.	WO 00/12735	09.03.00	PCT	—	—		
	150.	WO 00/18939	06.04.00	PCT	—	—		
	151.	WO 00/29566	25.05.00	PCT	—	—		
	152.	WO 00/37060	29.06.00	PCT	—	—		
	153.	WO 00/37663	29.06.00	PCT	—	—		
	154.	WO 00/63398	26.10.00	PCT	—	—		
	155.	WO 00/67558	16.11.00	PCT	—	—		
	156.	WO 01/09302	08.02.01	PCT	—	—		
	157.	WO 01/38514	31.05.01	PCT	—	—		
	158.	WO 01/44482	21.06.01	PCT	—	—		
	159.	WO 01/49844	12.07.01	PCT	—	—		
	160.	WO 01/51630 A1	19.07.01	PCT	—	—		
	161.	WO 01/68836 A2	20.09.01	PCT	—	—		

EXAMINER	<i>John A. Noll</i>	DATE CONSIDERED	12-20-04
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							YES	NO
SAW	107.	0 320 500 A3	14.06.89	EPO	—	—		
	108.	0 458 367 A1	27.11.91	EPO	—	—		
	109.	0 458 367 B1	27.11.91	EPO	—	—		
	110.	0 467 349 B1	22.01.92	EPO	—	—		
	111.	0 486 214 A2	20.05.92	EPO	—	—		
	112.	0 486 214 A3	20.05.92	EPO	—	—		
	113.	0 486 234 B1	20.05.92	EPO	—	—		
	114.	WO 84/02913	02.08.84	PCT	—	—		
	115.	WO 84/02919	02.08.84	PCT	—	—		
	116.	WO 84/02920	02.08.84	PCT	—	—		
	117.	WO 90/12084	18.10.90	PCT	—	—		
	118.	WO 91/02070	21.02.91	PCT	—	—		
	119.	WO 92/15680	17.09.92	PCT	—	—		
	120.	WO 93/05163	18.03.93	PCT	—	—		
	121.	WO 93/05646	01.04.93	PCT	—	—		
	122.	WO 93/17116	02.09.93	PCT	—	—		
	123.	WO 94/20627	15.09.94	PCT	—	—		
	124.	WO 94/26913	24.11.94	PCT	—	—		
	125.	WO 94/28142	08.12.94	PCT	—	—		
	126.	WO 95/16031	15.06.95	PCT	—	—		
	127.	WO 95/34668	21.12.95	PCT	—	—		
	128.	WO 95/35388	28.12.95	PCT	—	—		
	129.	WO 96/21725	18.07.96	PCT	—	—		
	130.	WO 97/05261	13.02.97	PCT	—	—		
	131.	WO 97/08330	06.03.97	PCT	—	—		
	132.	WO 97/12046	03.04.97	PCT	—	—		
	133.	WO 97/32016	04.09.97	PCT	—	—		
	134.	WO 97/41892	13.11.97	PCT				

EXAMINER	Die A. WOB	DATE CONSIDERED	12-20-04
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DAW	162.	WO 01/77350 A2	18.10.01	PCT	—	—		
↓	163.	WO 02/00927	03.01.02	PCT	—	—		
↓	164.	CA 1,341,091	05.09.00	Canadian Intellectual Property Office	—	—		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
DAW	165.	Adams et al., "Biogenesis and Chemistry of Alkaloid-Derived N-Nitrosamines," <i>Abstracts of Papers</i> , 184 th ACS National Meeting, Kansas City, Missouri, September 12-17, 1982.
	166.	Adams et al., "On the pharmacokinetics of tobacco-specific N-nitrosamines in Fischer rats," <i>Carcinogenesis</i> , 6:509-511 (1985).
	167.	Adams et al., "Pharmacokinetics of Tobacco-Specific N-Nitrosamines," "N-Nitroso Compounds: Occurrence, Biological Effects and Relevance to Human Cancer, Proceedings of the VIIIth International Symposium on N-Nitroso Compounds held in Banff, Canada, 5-9 September 1983, IARC Scientific Publications No. 57, pp. 779-785.
	168.	Adams et al., "Tobacco-Specific N-Nitrosamines in Dry Snuff," <i>Fd Chem. Toxic.</i> , 25(3):245-246 (1987).
	169.	Adams et al., "Tobacco-Specific Nitrosamine Accumulation in Different Genotypes of Burley Tobacco at Different Stages of Growth and Air-Curing," <i>TCRC</i> (1987).
	170.	Adams et al., "Toxic and carcinogenic agents in undiluted mainstream smoke and sidestream smoke of different types of cigarettes," <i>Carcinogenesis</i> , 8(5):729-731 (1987).
	171.	Andersen et al., "Accumulation of 4-(N-Methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone in Alkaloid Genotypes of Burley Tobacco During Postharvest Processing: Comparisons with N'-Nitrosomonocotine and Probable Nitrosamine Precursors," <i>Cancer Research</i> , 45:5287-5293 (1985).
	172.	Andersen et al., "Effect of Storage Conditions on Nitrosated, Acylated, and Oxidized Pyridine Alkaloid Derivatives in Smokeless Tobacco Products," <i>Cancer Research</i> , 49:5895-5900 (1989).
	173.	Andersen et al., "Effects of Air-Curing Environment on Alkaloid-Derived Nitrosamines in Burley Tobacco," <i>In Relevance of N'-Nitroso Compounds to Human Cancer: Exposure and Mechanisms</i> ; Bartsch, H., O'Neill, I.K., Shultz-Hermann, R., Eds.; IARC Scientific Publication No. 84; World Health Organization; Lyon, 1987, pp.451-455.
	174.	Andersen et al., "Levels of Alkaloids and Their Derivatives in Air- and Fire-Cured KY 171 Dark Tobacco During Prolonged Storage: Effects of Temperature and Moisture," <i>Tobacco Science</i> , 34:60-66 (1990).
	175.	Andersen et al., "N'-Acyl and N'-Nitroso Pyridine Alkaloids in Alkaloid Lines of Burley Tobacco during Growth and Air-Curing," <i>J. Agric. Food Chem.</i> , 37(1):44-50 (1989).
	176.	Andersen et al., "pH Changes in Smokeless Tobaccos Undergoing Nitrosation," <i>ACS Symposium Series 553, Nitrosamines and Related N-Nitroso Compounds</i> , 29:320-321 (1994).
	177.	Andersen et al., "Total Carbonyls and Phenols in Experimental Burley and Bright Tobacco," <i>J. Agric. Food Chem.</i> , 27(4):891-895 (1979).
	178.	Atawodi et al., "Tobacco-specific nitrosamines in some Nigerian cigarettes," <i>Cancer Letters</i> , 97:106 (1995).
	179.	Bay et al., "The Nitrosation of Hexetidine and Hexetidine and Hexedine: Characterization of the Major Nitrosamine from Common Antimicrobial Agents," <i>Chem. Res. Toxicol.</i> , 7(6):868-876 (1994).
	180.	Beck et al., "Nucleotide Sequence and Exact Localization of the Neomycin Phosphotransferase Gene from Transposon Tn 5," <i>Gene</i> , 19: 327-336 (1982).

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		FILING DATE December 5, 2003	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
SAW	181.	Bevan & Flavell, "A Chimaeric Antibiotic Resistance Gene as a Selectable Marker for Plant Cell Transformation", <i>Nature</i> , 304: 184-187 (1983).
	182.	Bhide et al., "Tobacco-Specific N-Nitrosamines in Green Mature Tobacco Leaves and Its Progressive Increase on Drying and Processing," RJR Research And Development Scientific Information Services Library, pp. 1-15
SAW	183.	Brittebo et al., "Metabolism of Tobacco-specific Nitrosamines by Cultured Rat Nasal Mucosa," <i>Cancer Research</i> , 43:4343-4348 (1983).
	184.	Brunnemann et al., "Analytical Studies on Tobacco-Specific N-Nitrosamines in Tobacco and Tobacco Smoke," <i>Toxicology</i> , 21(4):235-240 (1991).
	185.	Brunnemann et al., "Assessment of Carcinogenic Volatile N-Nitrosamines in Tobacco and in Mainstream and Sidestream Smoke from Cigarettes," <i>Cancer Research</i> , 37:3218-3222 (1977).
	186.	Brunnemann et al., "Assessment of the carcinogenic N-nitrosodiethanolamine in tobacco products and tobacco smoke," <i>Carcinogenesis</i> , 2(11):1123-1127 (1981).
	187.	Brunnemann et al., "Identification and analysis of a new tobacco-specific N-Nitrosamine, 4-(methylnitrosamino)-4-(3-pyridyl)-1-butanol," <i>Carcinogenesis</i> , 8(3):465-469 (1987).
	188.	Brunnemann et al., "Isolation, Identification, and Bioassay of the Tobacco-Specific N-Nitrosamines, 4-(Methylnitrosamino)-4-(3-Pyridyl)-1-Butanol," Seventy-Ninth Annual Meeting of the American Association for Cancer Research, May 25-28, 1988, Volume 29.
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VTOB.033C1	APPLICATION NO. 10/729,121
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mark Conkling	
		FILING DATE December 5, 2003	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER	<i>Die A. Holtz</i>	DATE CONSIDERED	12-20-04
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER

A. Walls

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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VTOB.033C1	APPLICATION NO. 10/729,121
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mark Conkling	
		FILING DATE December 5, 2003	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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EXAMINER	<i>SAW</i> A. WOLLS	DATE CONSIDERED	12-20-04
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[Signature]	404.	Wenke et al., "A Study of Betel Quid Carcinogenesis. II. Formation of N-Nitrosamines During Betel Quid Chewing," N-Nitroso Compounds: Occurrence, Biological Effects and Relevance to Human Cancer, Proceedings of the VIIIth International Symposium on N-Nitroso Compounds held in Banff, Canada, 5-9 September 1983, IARC Scientific Publications No. 57, pp.859-866.
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